

## ABSTRACT

The invention relates to a method for configuration of a compressed mode in a mobile radiocommunication system. Said method comprises a configuration of a compressed mode defined by means of the parameters for the compressed mode, said parameters for a compressed mode including a transmission gap length (TBVL) and a transmission gap pattern length (TGPL). Said transmission gaps are defined in a first transmission time structure specific to a first system and determined relative to a second transmission time structure specific to a second system to permit measures for the second system to be taken in the first system. A configuration of a compressed mode is determined within said method such that, for each reference configuration, if the duration of the TPGL is such that the transmission gaps occur periodically with fixed position in said second structure, then the TGL is selected to be sufficiently large that two transmission gaps occur in two of said positions, the closest of which overlap each other with an overlap duration long enough to carry out a measure.